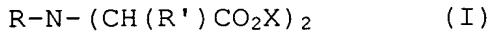


IN THE CLAIMS

1. (currently amended) A reducing composition for bleaching or permanently reshaping keratin fibres, comprising:

a) at least one reducing agent, and characterized in that it comprises

b) at least one compound corresponding to of formula (I) below:



in whichwherein:

• R represents is a hydrogen atom or a group $-CH(CO_2X)-(CH_2)_2CO_2X$, $-CH_2-CH_2-OH$, $-CH(CH_3)-CO_2X$ or $-(CH_2)_2-N(COR')-CH_2-CO_2X$ group;

• R" represents is a linear or branched alkyl group containing from 1 to 30 carbon atoms, or a cycloalkyl group containing from 3 to 30 carbon atoms;

• R' represents is a group $-CH_2CO_2X$ group when R represents is a hydrogen atom, orwhereas R' represent a hydrogen atom when R is other than a hydrogen atom; and

• X represents is a hydrogen atom or a monovalent or divalent cation derived chosen from an alkali metal, from an alkaline-earth metal, from a transition metal or, from an organic amine, or an ammonium cation.

2. (currently amended) The composition according to claim 1, in whichwherein the said monovalent or divalent cation is chosen from the group consisting of an alkali metal cations, an alkaline-earth metal cations, a divalent transition metal cations or and a monovalent cations derived chosen from an organic amines or from an ammonium cation.

3. (currently amended) The composition according to of claim 1 or Claim 2, characterized in thatwherein the said compound(s) of formula (I) isare chosen from the group consisting of methylglycine diacetic acid, 2-hydroxyethylimino diacetic acid, N-lauroyl-N,N',N'-ethylenediamine triacetic acid, iminodisuccinic acid and or N,N-dicarboxymethyl-L-glutamic acid,

anthe alkali metal salts thereof, thean alkaline-earth metal salts thereof, atthe transition metal salts thereof, andor a mixtures thereof.

4. (currently amended) The composition according to any one of the preceding claimsof claim 1, characterized in thatwherein thesaid compound(s) of formula (I) is(are) chosen from the group consisting of 2-hydroxyethylimino diacetic acid and or methylglycine diacetic acid andor the sodium salts thereof, andor a mixtures thereof.

5. (currently amended) The composition according to any one of the preceding claimsof claim 1, characterized in thatwherein thesaid compound(s) of formula (I) represent(s)is present in an amount of from 0.001% to 10% by weight relative to the total weight of said composition.

6. (currently amended) The composition according to any one of the preceding claimsof claim 5, characterized in thatwherein said the compound(s) of formula (I) represent(s)is present in an amount of from 0.001 to 5% by weight relative to the total weight of said composition.

7. (currently amended) The composition according to any one of the preceding claimsof claim 1, characterized in thatwherein thesaid reducing agent(s) is(are) chosen from the group consisting of a reductones andor the salts orand an esters thereof, or a sulphites andor a sulphinates.

8. (currently amended) The composition according to any one of Claims 1 to 6of claim 1, characterized in thatwherein thesaid reducing agent(s) is(are) chosen from the group consisting of thiols orand atthe salts andor esters thereof, or sulphites andor sulphinates.

9. (currently amended) The composition according toof claim 8, characterized in thatwherein thesaid reducing agent(s) is(are) chosen from the group consisting of thioglycolic acid, thiolactic acid, cysteamine andor cysteine, andor the salts andor esters thereof.

10. (currently amended) The cEomposition according to any one of the preceding claims of claim 1, characterized in thatwherein thesaid reducing agent(s) represent(s) is present in an amount of from 0.1% to 30% by weight relative to the total weight of said composition.

11. (currently amended) The cEomposition according to any one of the preceding claims of claim 10, characterized in thatwherein thesaid reducing agent(s) represent(s) is present in an amount of from 0.5% to 20% by weight relative to the total weight of said composition.

12. (currently amended) The cEomposition according to any one of the preceding claims of claim 1, characterized in that it also comprises further comprising a one or more cationic or amphoteric conditioning polymers, in proportions of from 0.01% to 10% by weight and preferably from 0.05% to 5% by weight relative to the total weight of said composition.

13. (currently amended) The cEomposition according to any one of the preceding claims of claim 1, characterized in that it also comprises one or more further comprising an amphiphilic polymer which is nonionic, anionic, cationic, or amphoteric, wherein said amphiphilic polymers, comprising comprises a hydrophobic chain, in proportions of from 0.05% to 20% by weight and preferably from 0.1% to 10% by weight relative to the total weight of said composition.

14. (currently amended) The cEomposition according to any one of the preceding claims of claim 1, characterized in that it also comprises one or more further comprising a surfactant,

s, in proportions of from 0.01% to 40% by weight and preferably from 0.1% to 30% by weight relative to the total weight of said composition.

15. (currently amended) The cEomposition according to any one of the preceding claims of claim 1, characterized in that it also comprises one or more further comprising a rheology modifiers other than the nonionic, anionic, cationic or

~~amphoteric amphiphilic polymers, comprising a hydrophobic chain of claim 13., in proportions of from 0.05% to 20% by weight and preferably from 0.1% to 10% by weight relative to the total weight of said composition.~~

16. (currently amended) ~~The cEmposition according to any one of the preceding claims of claim 1, characterized in that it also comprises one or morefurther comprising an acidifying or basifying agents, in proportions of from 0.01% to 30% by weight relative to the total weight of said composition.~~

17. (currently amended) ~~The cEmposition according to any one of the preceding claims of claim 1, characterized in that it also comprises one or morefurther comprising a solvent.s chosen from the group consisting of water and mixtures composed of water and of one or more cosmetically acceptable organic solvents, this or these solvent(s) representing from 0.5% to 20% by weight and preferably from 2% to 10% by weight relative to the total weight of said composition.~~

18. (currently amended) ~~The cEmposition according to any one of the preceding claims of claim 1, characterized in that it also comprises one or morefurther comprising an adjuvant.s chosen from the group consisting ofa mineral or organic fillers, binders, lubricants, antifoams, silicones, dyes, matting agents, preserving agents andor fragrances.~~

19. (currently amended) ~~A method ofProcess for bleaching or permanently reshaping keratin fibres, comprising the steps consisting inof:~~

a) applying to the keratin fibres a—the reducing composition according to any one of claims 1—to 18;

b) leaving the reducing composition to stand on the keratin fibres for a sufficient time that is sufficient to obtain the desired bleaching or permanent reshaping;

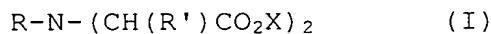
c) rinsing thesaid keratin fibres to remove the reducing composition therefrom;

d) washing thesaid keratin fibres one or more times, rinsing themsaid keratin fibres after each wash, and optionally drying them;
said process also comprising, between steps c) and d), in the case of a permanent reshaping, the steps consisting in: i) applying an oxidizing composition to the keratin fibres; ii) leaving the oxidizing composition to stand on the keratin fibres for a time that is sufficient to obtain the desired reshaping; and iii) rinsing the keratin fibres with water to remove the oxidizing composition therefrom.

20. (currently amended) A Device or "kit" for bleaching keratin fibres, comprising at least two compositions A and B intended to be mixed together to obtain a ready-to-use reducing composition, characterized in thatwherein,

a) at least one of the compositions A and B contains one or more at least one reducing agents, and

b) at least one of the compositions A and B contains one or more at least one compounds corresponding to the general of formula (I) below:



in whichwherein:

• R representsis a hydrogen atom or a group -CH(CO₂X)-(CH₂)₂CO₂X, -CH₂-CH₂-OH, -CH(CH₃)-CO₂X or -(CH₂)₂-N(COR")-CH₂-CO₂X group;

• R" representsis a linear or branched alkyl group containing from 1 to 30 carbon atoms, or a cycloalkyl group containing from 3 to 30 carbon atoms;

• R' representsis a group -CH₂CO₂X group when R representsis a hydrogen atom, or whereas R' represents a hydrogen atom when R is other than a hydrogen atom; and

• X representsis a hydrogen atom or a monovalent or divalent cation derivedchosen from an alkali metal, from an alkaline-earth metal, from a transition metal—or, from an organic amine, or an ammonium cation.

21. (currently amended) A Device or "kit" for permanently reshaping keratin fibres, comprising:

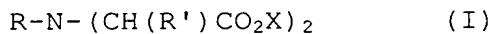
a) firstly, either a ready-to-use reducing composition A or at least two compositions A' and B' intended to be mixed together to obtain a ready-to-use reducing composition, and,

b) secondly, a ready-to-use oxidizing composition C or at least two compositions D and E intended to be mixed together to obtain a ready-to-use oxidizing composition,

wherein, said device being characterized in that

= either said composition A or at least one of thesaid compositions A' and B' contains one or more at least one reducing agents, and

= either said composition A or at least one of thesaid compositions A' and B' contains at least one or more compounds corresponding to the general formula (I) below:



in whichwherein:

• R represents is a hydrogen atom or a group $-CH(CO_2X)-(CH_2)_2CO_2X$, $-CH_2-CH_2-OH$, $-CH(CH_3)-CO_2X$ or $-(CH_2)_2-N(COR')-CH_2-CO_2X$ group;

• R' represents is a linear or branched alkyl group containing from 1 to 30 carbon atoms, or a cycloalkyl group containing from 3 to 30 carbon atoms;

• R' represents is a group $-CH_2CO_2X$ group when R represents is a hydrogen atom, whereas R' represents or a hydrogen atom when R is other than a hydrogen atom; and

• X represents a hydrogen atom or a monovalent or divalent cation derived chosen from an alkali metal, from an alkaline-earth metal, from a transition metal or, from an organic amine, or an ammonium cation.

22. (canceled)

23. (new) The composition of claim 12, wherein said cationic or amphoteric conditioning polymer is present in an

amount of from 0.01% to 10% by weight relative to the total weight of said composition.

24. (new) The composition of claim 23, wherein said cationic or amphoteric conditioning polymer is present in an amount of from 0.05% to 5% by weight relative to the total weight of said composition.

25. (new) The composition of claim 13, wherein said amphiphilic polymer is present in an amount of from 0.05% to 20% by weight relative to the total weight of said composition.

26. (new) The composition of claim 25, wherein said amphiphilic polymer is present in an amount of from 0.1% to 10% by weight relative to the total weight of said composition.

27. (new) The composition of claim 14, wherein said surfactant is present in an amount of from 0.01% to 40% by weight relative to the total weight of said composition.

28. (new) The composition of claim 27, wherein said surfactant is present in an amount of from 0.1% to 30% by weight relative to the total weight of said composition.

29. (new) The composition of claim 15, wherein said rheology modifier is present in an amount of from 0.05% to 20% by weight relative to the total weight of said composition.

30. (new) The composition of claim 29, wherein said rheology modifier is present in an amount of from 0.1% to 10% by weight relative to the total weight of said composition.

31. (new) The composition of claim 16, wherein said acidifying or basifying agent is present in an amount of from 0.01% to 30% by weight relative to the total weight of said composition.

32. (new) The composition of claim 17, wherein said solvent is water or a mixture composed of water and a cosmetically acceptable organic solvent.

33. (new) The composition of claim 32, wherein said solvent is present in an amount of from 0.5% to 20% by weight relative to the total weight of said composition.

34. (new) The composition of claim 33, wherein said solvent is present in an amount of from 2% to 10% by weight relative to the total weight of said composition.

35. (new) The method of claim 19, further comprising the step of drying said keratin fibres.

36. (new) A method of permanently reshaping keratin fibres, comprising the steps of:

a) applying to said keratin fibres the reducing composition of claim 1;

b) leaving said reducing composition on said keratin fibres for a sufficient time to obtain the desired reshaping;

c) rinsing said keratin fibres to remove said reducing composition therefrom;

d) applying an oxidizing composition to said keratin fibres;

e) leaving said oxidizing composition on said keratin fibres for a sufficient time to obtain the desired reshaping;

f) rinsing said keratin fibres with water to remove said oxidizing composition therefrom;

g) washing said keratin fibres one or more times, rinsing them after each wash.

37. (new) The method of claim 36, further comprising the step of drying said keratin fibres.